

GULISASHVILI, V. Z.

"Subterranean Stratification, Wind Resistance, and Felling of Abistaceous  
Deciduous Plantings," Leningrad, 1935

GULISASHVILI, V. Z.

Physical characteristics of forest soils and their change under the influence  
of forestry work Leningrad, Goslestekhhizdat, 1935. 146 p. (54-46931)

SD337.G8

CLASSIFICATION		PROCEDURES AND PROPERTIES INDEX	
BC		B-3-1	
<p>Physical properties of each of the alloys and heat treatments are given in the following table. Y-Y (Carbon) alloy (Table 1) has the highest yield strength in the Commensurate range, the first half of the alloy range had the greatest purity and H<sub>2</sub>O-binding and air capacities, the lowest carbon of the lowest zone coming second in these respects. These two alloy types were also superior to others in permeability. They are, therefore, of particular importance in the control of rust. Minimum member size, owing to their low permeability, increase run-off and their encrustment on the forest zone is highly undesirable.</p> <p>S. and F. (m)</p>			
ASAP-SLA METALLURGICAL LITERATURE CLASSIFICATION		S. and F. (m)	
RESEARCH DIVISION		RESEARCH DIVISION	
LONDON #2		LONDON #2	
180000 WAT GUY ONE		180000 WAT GUY ONE	
COLLECTOR		COLLECTOR	
180000 WAT GUY ONE		180000 WAT GUY ONE	

CA

The regradation of forest brown soils of the upper mountain belt of the Caucasus. V. Z. Gul'sashvili. *Pedology* (U. S. S. R.) 1962, No. 7, 26-35 (in English, 35).  
Data on the comp. and content of exchange cations, pH, total analyses of a no. of profiles are presented showing that a forest brown soil when deforested and occupied with grass vegetation regrades towards a chernozem.

I. S. Jolte

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GULISASHVILI, V. Z.

L. P. Beriya Agric. Inst., Tbiliso (-1946-)

"Changes in the main physical properties of brown forest soils after felling"

Pochvovedeniye, No. 9, 1946.

GULISASHVILI, V. Z.

Mbr., Tbilisi Botanical Gardens, Georgian Acad. Sci. (-1947-)

"Periodicity and Rhythm of Growth of Mediterranean Pines as Indication of a  
Relationship Between Them, " Dok. AN, 57, No. 9, 1947

GULISASHVILI, V. Z.

"Fellings in Mountain Forests," Moscow-Leningrad, 1948

GULISASHVILI, V. Z.

Gulisashvili, V. Z. "Results of the acclimatization of plants in the Tbilisi botanical garden and means of further introduction," Vestnik Tbilis. Botan. sada, Issue 57, 1948, p. 73-134 - In Georgian language and Russian - Bibliog: 36 items

(Letopis 'Zhurnal 'nykh Statey, No.3, 1949)



GULISA HVILI, V. Z.

"Disturbances in the Rest, Periodicity of Vegetation and Rhythm of Growth  
in Various Types of Trees During Light Cultivation."

Priroda, No 3, 1948.

GULISASHVILI, V. Z.

"Wooded Plains and the Steppes of Eastern Transcaucasia, and the Relation  
Between the Woody and Leafy Vegetation in Those Regions."

Iz. v-s. Geograf. Obshch., 80, No 2, 1948.

GULISASHVILI, V.Z.

25114. GULISASHVILI, V.Z. O Nekotorykh Osobennostyakh Devstvennykh Lesov Buka Vostochnogo (Fagus Orientalis Lipsk) V Vostochnoy Gruzii. Trudy In-ta Lesa SSSR. (Auk Gruz. Ser), T.I, 1949, S. 1-38- Ha Gruz. 1 Rus. Yaz.-Bibliogr: 21 Nazu.

SO: Letopis' No. 33, 1949

CULISASHVILI, V. Z.

"Ecological Characteristics of Certain Swamp Phytocenoses."

Dok. AN, 66, No 2, 1949.

Act. Mbr. Acad. of Sci. Gruzia SSR; Tbilisi State Uni. imeni I. V. Stalin,  
1949-.

MATIKASHVILI, V.I.; GULISASHVILI, V.Z., deystvitel'nyy ohlen.

Certain ecological and cenogenic properties of the Georgian oak in conditions of western Georgia. Soob.~~AN~~ Gruz.SSR 13 no.8:463-468 '52.  
(MLRA 6:5)

1. Akademiya Nauk Gruzinskoy SSR. Institut botaniki, Tbilisi (for Matikashvili). 2. Akademiya Nauk Gruzinskoy SSR (for Gulisashvili).  
(Georgia--Oak)

GULISASHVILI, V.Z. (Tbilisi)

Phase principle in the development of trees. Usp. sov. biol. 38  
no.3:359-379 E-D '54. (MLRA 8:3)  
(TREES) (GROWTH (PLANTS))

GULISASHVILI, Vasilii Zakharovich, professor; KAPPER, O.G., doktor sel'-skokhozyaystvennykh nauk, retsenzent; GORSHENIN, W.M., doktor sel'skokhozyaystvennykh nauk, professor, retsenzent; YURRE, N.A., redaktor; ARNOL'DOVA, K.S., redaktor izdatel'stva; KARASIK, N.P., tekhnicheskiy redaktor

[Mountain forestry in the Caucasus] Gornoe lesovodstvo dlia uslovii Kavkaza. Moskva, Goslesbumizdat, 1956. 353 p. (MLRA 10:4)

1. Deystvitel'nyy chlen Akademii nauk Gruzinskoy SSR (for Gulisashvili)

(Caucasus--Forests and forestry)

USSR / Forestry. General Problems.

K

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100130

Author : Gulisashvili, V. Z.

Inst : Georgian Forestry Institute, AS USSR

Title : Achievements of the Science of Forestry in Georgia;  
Their Significance for Forest Economy

Orig Pub : Tr. In-ta lesa. AN GruzSSR, 1957, 7, 3-12

Abstract : After the establishment of the Soviet power in Georgia, research was done into the forestry properties of the following principal species: eastern beech, eastern spruce, and Caucasian fir, and thereupon was ascertained the considerable sensitivity of their sprouts to early frosts and to high temperatures and the windfall capacity of these species on steep inclines. An investigation of seed reproduction in these species has made it possible to develop systems for tree felling and planting. A

Card 1/3

USSR / Forestry. General Problems.

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100130

study was made of the replacement of pine by deciduous species and by spruce, of spruce by deciduous species, and of oak by soft-leaved and underbrush species. The role of ground litter in draining snow and rain was investigated, as were snow-melting and the depth to which the ground freezes. A study was made of the role of the plantations of certain tree species in the fluctuations of oxygen, carbonic acid, dust, etc., of the atmosphere. Agro-engineering techniques were developed for the cultivation of the following valuable tree crops: cryptomeria, Canadian poplar, walnut, and others. Techniques were developed for restoring -- by transplanting fully-grown trees -- beech, spruce, and fir plantations which had been disrupted by tree-felling operations. A study was made of the problems of creating forest belts for use

Card 2/3



GULISASHVILI, V.Z.

Results of plant acclimatization in the Georgian S.S.R. Trudy  
Bot.inst.Ser. 6 no.5:64-74 '57. (MIRA 10:10)

1.Institut lesa AN GruzSSR.  
(Georgia--Acclimatization (Plants)) (Trees)

DZIDZISHVILI, V. Z.

"Contradictory peculiarities in the herenity of relict types of wood and their importance for the development of vegetable or anisms".

report presented at a Joint Session of the Biological Dept. of AN USSR and Biological and Medical Depts. AN Gruzziya SSR, Tbilisi, 28 Sept - 3 Oct 1957. Vestnik Akad. Nauk. SSSR, 1958, Vol. 28, No. 1, pp. 121-125. (author Dzidzishvili, N. N.)

AUTHOR: Gulisashvili, V. Z., Member, AS Georgian SSR 30-58-3-9/45

TITLE: From the AS Georgian SSR (V akademii nauk Gruzinskoy SSR)  
Coordination of the Scientific Investigations in the Field  
of Mountain Forestry (Kordinatsiya nauchnykh issledovaniy po  
gornomu lesovodstvu)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 3, pp. 59-60  
(USSR)

ABSTRACT: The woods of the Trans-Carpathians, the Northern Caucasus,  
the Trans-Caucasus and further mountainous regions of the  
USSR are at present intensely exploited. The development of  
a rational system of a mountain forestry by the institutes  
for scientific investigations is correlated with this. A  
conference on problems of mountain forestry was held by the  
Institute of Forestry at the AS Georgian SSR in Tbilisi in  
1953. This conference was attended by representatives of  
other institutions of scientific research of the USSR,  
amongst which was also the Institute for Forestry of AS  
USSR. A series of resolutions were adopted and the institute  
for Forestry at the AS Georgian SSR was charged with the

Card 1/2

From the AS Georgian SSR

30-58-3-9/45

Coordination of the Scientific Investigations in the Field of  
Mountain Forestry

coordination of further scientific investigations in this field. A close contact between the individual institutions was established since then. Members of the Trans-Carpathian Forestry Experimental Station visited Georgia and its representatives visited the Trans-Carpathian station. Experiences were exchanged in this connection. Problems of artificial afforestation of the mountainous slopes, as well as problems of the acclimatization of valuable fast-growing species are investigated. The problem of the optimum age of clearings was discussed too. The publication of a voluminous work: "Dendroflora of Caucasus" was prepared in collaboration with the Botanical Institute imeni V. L. Komarov.

Card 2/2

GULISASHVILI, V.Z.

Controversial features in the heredity of relict trees and their  
significance for the development of plant organisms [with summary  
in English]. Izv. AN SSSR Ser.biol. no.3:271-281 My-Je '58 (MIRA 11:6)  
(TRANSCAUCASIA--TREES)  
(HEREDITY)

GULISASHVILI, V. Z.

AUTHOR: Shaposhnikov, L. K., Candidate of Biological Sciences SOV/30-58-947/51

TITLE: Protection of the Natural Resources of the Country (Okhrana prirodnikh bogatstv strany) All-Union Conference of the Committee for Nature Conservation. (Vsesoyuznoye soveshchaniye kommissiy po okhrane prirody)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 9, pp. 120 - 122 (USSR)

ABSTRACT: The coordination and supervision of this work is carried out by the Komissiya po okhrane prirody Akademii nauk SSSR (Committee for Nature Preservation of the AS USSR) as well as analogue committees of the Academies of Sciences of the Union's Republics and some branch institutions of the AS USSR. The first conference took place in Tbilisi from June 18 to June 19. The following reports were heard and discussed: L.K.Shaposhnikov, Candidate of Biological Sciences spoke about the activity of the Committees for Nature Preservation and the tasks of nature preservation. V.Z.Gulisashvili, Member, Academy of Sciences, of the Georgian SSR reported on the problems of nature preservation in the mountains.

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Protection of the Natural Resources of the Country. All-Union Conference of the Committee for Nature Conservation SOV/30-58-9-47/51

V.S. Pokrovskiy, Candidate of Biological Sciences dealt with the problem of protection of the fauna. The Verkhovnyy Sovet Estonii (Supreme Soviet of Esthonia) (in June 1957), and the Supreme Soviet of Armenia (in May 1958) passed bills for nature preservation which are in force in the Republic. The Council of Ministers of the Lithuanian SSR established a Committee for Nature Preservation and the Council of Ministers of the Estonian SSR an Administration for Nature Preservation. In the Councils of Ministers of the Latvian and Ukrainian SSR teams were formed who deal with the problem of nature preservation. The TsK KP Ukrainy i Sovet Ministrov USSR (Central Committee of the Communist Party of the Ukraine and the Council of Ministers of the Ukr SSR) issued a joint decree concerning measures for the improvement of nature preservation. The Sovet Ministrov Azerbaydzhanskoy SSR (Council of Ministers of the Azerbaydzhan SSR) decided to organize a network of National Parks on the territory of the Republic. In the years 1957 - 1958 the following number of National Parks

Card 2/4

Protection of the Natural Resources of the Country. All- SOV/30-58-9-47/51  
Union Conference of the Committee for Nature Conservation

was established: 8 in Georgia, 4 in Esthonia, 4 in Latvia, 4 in the RSFSR, 3 in Azerbaydzhan, 1 in Belorussia, and 1 in Kazakhstan. A series of measures for the future was decided upon. Between 1959 and 1960 an Institut okhrany prirody (Institute for Nature Preservation) is to be founded. Problems of Nature Preservation are to be included in the teaching programs of schools.

Card 3/4



AUTHOR: Gulisashvili, V.Z.

12-90-2-8/30

TITLE: The Alpine Limits of Wood Vegetation in the Caucasus in Connection With Soil-Climatic Conditions (Al'piyskaya granitsa drevesnoy rastitel'nosti na Kavkaze v svyazi s pochvenno-klimaticheskimi usloviyami)

PERIODICAL: Izvestiya Vsesoyuznogo Geograficheskogo Obshchestva, 1958, Vol 90, Nr 2, pp 158-163 (USSR)

ABSTRACT: The Alpine limits of wood vegetation on the northern and southern slopes of the Caucasus are being investigated and compared to other mountain areas. Table 1 presents data on the altitude limits of wood vegetation, tree species, soil and climatic conditions in various parts of the Caucasus. Wood vegetation limits under humid oceanic climatic conditions correspond to July isotherms over 10°. It was stated that alpine wood limits in the Caucasus are between 2,050 and 2,700 m altitude. They depend on the humidity of the climate and on the height of mountain peaks. The article contains 3 tables, and 13 references, 5 of which are Soviet and 8 German.

AVAILABLE: Library of Congress

Card 1/1

1. Timber 2. Vegetation limits-Soil condition

VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; DOLUKHANOV, A.G.; MANDZHA-VIDZE, D.V.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; ODISHARIYA, K.M.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOKIA, M.P.; SKHIYERELI, V.S.; AVALIANI, N.M., red.izd-va; TODUA, A.R., tekhred.

[Dendroflora of the Caucasus; wild and cultivated trees and shrubs]  
Dendroflora Kavkaza; dikerastushchie i kul'turnye derev'ia i kustarniki. Tbilisi. Vol.1. [Gymnospermae. Chlamydospermae. Angiospermae - Monocotyledoneae] Gymnospermae - golosemennye. Chlamydospermae - pokrovosemennye. Angiospermae - (Monocotyledoneae) - pokrytosemennye (ednedol'nye).1959. 406 p. (MIRA 13:6)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut less. 2. AN Gruzinskoy SSR (for Gulisashvili).  
(Caucasus--Trees) (Caucasus--Shrubs)

GULISASHVILI, V.Z.

"On the Regularities in the Development of Arboreal Plants."  
Paper submitted for the Int'l Botanical Congress, Montreal, Canada, 19-29 Aug 1959.

LOZOVY, D.I., doktor biolog.nauk; GULISASHVILI, V.Z., prof., akademik,  
red.; NINUA, K.V., red.izd-va

[Bark beetles in parks and orchards of Tiflis District and  
methods for their control] Koroedy parkovykh i plodovykh  
nasazhdenii Tbilisskogo raiona i mery bor'by s nimi. Tbilisi,  
Izd-vo Akad.nauk Gruzinskoi SSR, 1960. 53 p.

(MIRA 14:4)

1. Akademiya nauk Gruzinskoy SSR (for Gulissashvili).  
(Tiflis District--Bark beetles)

GULISASHVILI, V.Z.

Some representatives of relict flora of the Georgian S.S.R. and problems in their preservation. Okhr.prirod.i zapov.delo v SSSR no.4:3-15 '60. (MIRA 13:6)

1. Komissiya po okhrane prirody AN GruzSSR.  
(Georgia--Plants, Protection of)

GULISASHVILI, V.Z.

Periglacial vegetation of valley glaciers in the Caucasus and its  
role in the postglacial development of forest plant communities. Bot.  
zhur. 45 no.9:1249-1258 S '60. (MIRA 13:9)  
(Caucasus--Plant succession)

LOBZHANIDZE, E.D.; GULISASHVILI, V.Z., red.; SONGULASHVILI, N.I., red.  
izd-va; TODUA, A.R., tekhn. red.

[Cambium and the formation of annual rings in wood] Kambii i formirovanie godichnykh kolets drevesiny. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 158 p. (MIRA 14:12)  
(Tree rings) (Cambium)

VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; IMITRIYEVA, A.A.;  
DOLUKHANOV, A.G.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.;  
MULKIDZHANYAN, Ya.I.; PRILIPKO, L.I.; SAKHOKIA, M.F.;  
MIRZASHVILI, V.I., red.; AVALTANI, N.M., red. izd-va;  
TODUA, A.R., tekhn. red.

[Trees of the Caucasus; wild and cultivated trees and shrubs]  
Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i  
kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.  
Vol.2. [Angiosperms. Dicotyledons] Angiospermae - Pokryto-  
semennye. Dicotyledoneae. Dvudol'nye. 1961. 334 p.

(MIRA 15:2)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa.
2. Akademiya nauk Gruzinskoy SSR, Tiflis (for Gulisashvili).  
(Caucasus--Angiosperms) (Caucasus--Dicotyledons)



GULISASHVILI, V.Z.

Some observations on equatorial forests and savannas of Africa.  
Biul. MOIP. Otd. biol. 66 no.1:97-109 Ja-F '61. (MIRA 14:3)  
(IVORY COAST—RAIN FORESTS)

VASIL'YEV, A.V.; IMITRIYEVA, A.A.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; MULKIDZHANYAN, Ya.I.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOKIA, M.F.; SKHIYERELI, V.S.; GULISASHVILI, V.Z., akademik, red.; AVALIANI, N.M., red.izd-va; BOKERIYA, E.N., tekhn. red.

[Woody plants of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR. Vol.3. [Angiospermae; Dicotyledoneae; Moraceae (mulberry family) - Platanaceae (plane-tree family)] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR. (MIRA 16:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa. AN Gruzinskoy SSR (for Gulisashvili). (Caucasus—Woody plants)

GULISASHVILI, Vasiliy Zakharovich, akademik; KET'SKHOVELI, N.N.,  
..... akademik, otv. red.

[Natural zones and the natural history regions of the  
Caucasus] Prirodnye zony i estestvennoistoricheskie ob-  
lasti Kavkaza. Moskva, Izd-vo "Nauka," 1964. 326 p.  
(MIRA 17:6)

1. Akademiya nauk Gruzinskoy SSR (for both).

SABASHVILI, M.N., akademik; GULISASHVILI, V.Z., akademik;  
KAVRISHVILI, L.N., agronom; YASHVILI, N.S., prof.;  
ARCHVADZE, Sh.R., kand. ekon. nauk; SHENGELIYA, P.G.,  
red.

[Natural resources of the Georgian S.S.R.] Prirodnye re-  
sursy Gruzinskoi SSR. Moskva, Nauka. Vol.6. 1965. 274 p.  
(MIRA 18:7)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Sovet po izuche-  
niyu proizvoditel'nykh sil. 2. Akademiya nauk Gruz.SSR  
(for Sabashvili, Gulisashvili).

GULISH, S.

BOYAROV, A., inzhener; GULISH, S., inzhener; SOLOV'YEV, A., kandidat tekhnicheskikh nauk

Improve operational features of the ZIS-150 truck. Avt.transp.  
32 no.7:34 J1 '54. (MLRA 7:9)

(Motor trucks)

STAROVEROV, I.G., otv. red.; YASTREBOV, M.M., zam. otv. red.;  
VERKHODANOV, M.Kh., red.; GULISHAMBAROV, F.I., red.;  
OSIPOV, V.S., red.; FINKEL'SHTEYN, S.M., red.;

[Album of equipment; condensate outlets] Al'bom oborudovaniia;  
kondensatootvodchiki. Moskva, 1963. 33 p. (MIRA 16:12)

1. Moscow. Gosudarstvennyy proyektnyy institut Santekhproyekt.
2. Glavnyy inzhener Gosudarstvennogo proyektnogo instituta  
Gosudarstvennogo tresta sanitarno-tekhnicheskogo proyektirova-  
niya (for Staroverov).

(Water heaters)

VAS'KOVSKIY, Aleksandr Nikolayevich; GULISHAMBAROV, F.M., ~~otv.~~ red.  
CHECHKOV, L.V., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Handbook on sanitary engineering equipment for the surface  
of mines] Spravochnik po sanitarno-tekhnicheskomu oborudova-  
niiu poverkhnosti shakht. Moskva, Gosgortekhzdat, 1962. 207 p.  
(Mine buildings) (MIRA 15:10)  
(Sanitary engineering—Equipment and supplies)

GULISHIANI, N.M.

Study, work, and live like true communists should. Vest.sviazi  
21 no.10:25-27 0 '61. (MIRA 14:10)

1. Nachal'nik Stavropol'skoy pochtovo-telegrafnoy kontory.  
(Telecommunication--Employees)



GULITSKIY, N.I., inzh.; LOPATIN, V.A., inzh.; CHURIN, V.M., inzh.

Automatic control of the power output of a charge-resistance furnace.

Mekh.i avtom. proizv. 17 no.2:8-9 F '63.

(MIRA 16:2)

(Electric furnaces)

(Electric controllers)

S/185/63/008/001/016/024  
D234/D308

GULIVETS, M. I.

AUTHORS: Gulivets', M. I. and Radchenko, I. V.

TITLE: A new method of normalization of the experimental intensity curve of x ray scattering

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 8, no. 1, 1963, 106-107

TEXT: On condition that the number of scattering centers in a sufficiently large volume is constant, the authors deduce an expression for the normalizing factor

$$\lim_{r_m \rightarrow \infty} \frac{\int_0^{\infty} \frac{J_{inc} + \sum_k F_k^2(s)}{f_e^2(s)} \left\{ \frac{\sin sr_m}{sr_m} - \cos sr_m \right\} ds}{\int_0^{\infty} \frac{J(s)}{f_e^2(s)} \left\{ \frac{\sin sr_m}{sr_m} - \cos sr_m \right\} ds} = 1 \quad (7)$$

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S/185/63/008/001/016/024  
D234/D308

A new method of ...

$F_k$  being the atomic form factor of the  $k$ -th atom,  $J_{inc}$  the intensity of incoherent scattering,  $J_e$  the experimental intensity,  $f_e^2$  the scattering by electrons. This expression gives 1.01 for Au and 0.996 for Hg instead of 1.

ASSOCIATION: Dnipropetrovs'kyi metalurhiyny instytut (Dnepropetrovsk Metallurgical Institute)

SUBMITTED: July 12, 1962

Card 2/2

GULIVETS, N.I. [Hylivets', M.I.]

Determination of the radial distribution function of molecular-  
electron density in multimolecular fluids. Ukr. fiz. zhur. 8  
no.8:907-912 Ag '63. (MIRA 16:11)

1. Dnepropetrovskiy metallurgicheskiy institut.

PARKHOD'KO, A.P.; GULIVETS, M.O.

Converting factories to the use of fuel oil. Sakh.prom. 33 no.7:  
41-46 J1 '59. (MIRA 12:11)

1. Shpolyanskiy sakharney zavod.  
(Boilers) (Sugar industry)

GULIVETS, N.I. [Hulivets', M.I.]; RADCHENKO, I.V.

New method for reducing the experimental curve of X-ray  
scattering intensities to an absolute scale. Ukr. fiz. zhur.  
8 no.1:106-108 Ja '63. (MIRA 16:5)

1. Dnepropetrovskiy metallurgicheskiy institut.  
(X rays--Scattering)

GUJLIVETS, N.I.; LUTSKIY, A.Ye.; RADCHENKO, I.V.

X-ray diffraction study of liquids with hydrogen bonds between molecules. Part 1: Formic and acetic acids. Zhur. strukt. khim. 6 no.1:27-31 Ja-F '65. (MIRA 18:12)

1. Dnepropetrovskiy metallurgicheskoy institut i Khar'kovskiy politekhnicheskoy institut. Submitted July 10, 1963.

GULIY, A.P.

Leaf rollers and snout beetles in the orchards of the northern slope  
of the central caucasus. Vop. skol. 7:45-46 '62. (MIRA 16:5)

1. Severo-Osetinskiy pedagogicheskiy institut Ordzhonikidze.  
(Caucasus, Northern--Leaf rollers)  
(Caucasus, Northern--Snout beetles)  
(Caucasus, Northern--Fruit--Diseases and pests)



GULIY, A.P.

*Pseudo scale Palaeolecanium bituberculatum* Targ. in North Ossetia.  
Zool. zhur. 41 no.2:230-233 F '62. (MIRA 15:4)

1. Pedagogical Institute of North Ossetia, Urdzhonikidze.  
(Ossetia--Scale insects) (Apple--Diseases and pests)

GULIY, A.P.

Coenorrhinus pauxillus Germ., a pest of fruit trees of the northern slope of the Central Caucasus. Uch. zap. SOGPI 26 no.2:81-88 '64.

Cherry snout beetle on the northern slope of the Central Caucasus. Ibid.:89-97

(MIRA 19:1)

Country : USSR  
CATEGORY :

P-5

ABR. JOUR. : RZBiol., No. 19, 1958, No. 87679

AUTHOR : Guliy, G. I.  
INST. : Kabardino-Balkarskiy Scientific Research \*  
TITLE : The Harmful Orthoptera of Kabardino-Balkarskaya ASSR

ORAG. PUB. : Uch. zap. Kabardino-Balkarsk. n.-i. in-ta,  
1957, 13, 161-178

ABSTRACT : In the Kabardino-Balkarskaya ASSR, 26 species of Orthoptera are reported. For the harmful species are described the principal biological characteristics, the damage which they cause, their occurrence, control, and information is given (of a general nature) on their occurrence.

CARD:  
- Institute

USSR / General and Specialized Zoology. Insects. P  
Harmful Insects and Acarids. General.

Abs Jour: Ref Zhur-Biol., No 13, 1958, 59160.

Author : Guliy, G. I.  
Inst : Kabardino-Balkar Scientific Institute.  
Title : A Review of the Insect Pests of the Kabardino-Balkar ASSR.

Orig Pub: Uch. zap. Kabardino-Balkarsk N.-i. in-ta, 1957,  
12, 83-109.

Abstract: No abstract.

Card 1/1

11

GULIY, M. A.

Cand Tech Sci - (diss) "Study of the performance of machines used for initial working of soil supporting forest crops on ravine-bal-ochnyye slopes." Moscow, 1961. 20 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Forestry Engineering Inst); number of copies not given; price not given; (KL, 5-61 sup, 188)

TSOY, S.; ROGOV, Ye.I.; GULIY, V.M.

Determination of the zero zone in ventilating systems used in the  
high pressure-low pressure method of mine ventilation. Izv.AN  
Kazakh. SSR. Ser.tekh.i khim.nauk no.1:77-83- '63. (MIRA 17:3)

GULIY, V.M.; SHENDAROVICH, D.Kh., brigadir sharoshechnogo bureniya  
(Sokol'nyy rudnik); BEKETOV, P.Ye.; DZHEMARDZHIDZE, N.M.;  
MOCHALIN, M.P.; PRIGOZHIN, Ye.I., gornyy inzhener (Metalliche-  
skiy rudnik); POLISHCHUK, A.D.

Speeches by participants in a conference. Gor.zhur. no.1:20-24  
Ju '56. (MLRA 9:5)

1. Nachal'nik Proizvodstvenno-tekhnicheskogo otdela Dzhezkazgan-  
skogo rudoupravleniya (for Dzhemardzhidze); 2. Nauchnyy sotrudnik  
Instituta gornogo dela AN SSSR (for Mochalin); 3. Glavnyy  
inzhener Ukrglavrudyy (for Polishchuk); 4. Glavnyy inzhener  
Bystrushinskogo rudnika (for Guliy); 5. Glavnyy inzhener Salair-  
skogo rudnika (for Beketov).

(Mining engineering) (Mining machinery)

SOV-127-58-10-3/29

AUTHORS: Voronkov, N.A. and Guliy, V.M., Mining Engineers

TITLE: A Comparison of the Scraper and Sifter Methods for Delivery  
at the Tekeli Mine (Sravneniye skrepernoy i grokhotnoy  
skhem dostavki na rudnike Tekeli)

PERIODICAL: Gornyy zhurnal, 1958, Nr 10, pp 11-13 (USSR)

ABSTRACT: Research conducted by the authors showed that, under the  
conditions of the Tekeli Mine, where the mining is done by  
the level caving-in system, the sifter scheme of ore de-  
livery must be preferred to the scraper method. Even though  
the cost of installation of the sifter method is 80% higher  
than that of scraper method, it is more advantageous because  
its productivity is 45% higher. The sifter method also has  
a lower safety factor than the scraper method. There are 3  
tables.

Card 1/2



SOV-127-58-10-3/29

A Comparison of the Scraper and Sifter Methods for Delivery at the Tekeli Mine

ASSOCIATION: Moskovskiy institut tsvetnykh metallov i zolota (The Moscow Institute of Nonferrous Metals and Gold)  
Tekeliyskiy svintsovo-tsinkovyy kombinat (The Tekeli Lead and Zinc Combine)

1. Mining industry--USSR    2. Ores--Handling

Card 2/2

GULIY, V.M.; DZHAKUPBAYEV, A.N.; DZHANSUGUROV, S.I.

Fires and an evaluation of methods of controlling them in working  
the Tekeli deposit. Trudy Inst.gor.dela AN Kazakh.SSR 8:122-129  
'61. (MIRA 15:4)  
(Tekeli region (Kazakhstan)—Mine fires)

BYUYRIN, A.I.; GOLUBEV, A.T.; NEKRASOV, V.P.; COLIY, V.M.; OLKHOV, I.N.;  
KOLKHODZHAYEV, A.V.

Making boreholes with smaller diameter at the Tekeli Mine. Gor.zhur.  
no.8:27-30 Ag '65. (MIRA 18:10)

GULIY, V.V.

Increasing the efficiency of parasites of ~~the pine shoot~~ moth (*Evetria buoliana* Schiff.) in pine stands of the northern slopes of the central Caucasus. Zool. zhur. 42 no.9:1414-1415 '63.

(MIRA 16:12)

1. Department of Nature of Checheno-Ingush Republican Museum of the Local Lore, Grozny.

ACC NR: AP7001418 (N) SOURCE CODE: UR/0413/66/000/021/0133/0133

INVENTOR: Suvorov, G. V.; Guliyants, R. Ts.

ORG: none

TITLE: Device for the automatic measurement of mean wind direction.  
Class 42, No. 188073

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki,  
no. 21, 1966, 133

TOPIC TAGS: wind, wind direction, wind direction instrument, wind  
measurement, wind meter

ABSTRACT: An Author Certificate has been issued for a device for the automatic measurement of mean wind direction. The device consists of a wind-direction sensor, a servosystem with synchro control, an electromagnetic clutch, a reduction gearing, a time relay, and scales for instantaneous and mean wind direction. To make it possible to increase the averaging-time interval, the device is equipped with a synchro for setting the mean wind-direction scale at the instantaneous wind-direction value prior to averaging, through periodic connection of the relay to the mean wind-direction scale. The device is also equipped with an electromechanical unit for comparing instantaneous wind-

Card 1/2

UDC: 551.508.53

ACC NR: AP7001418

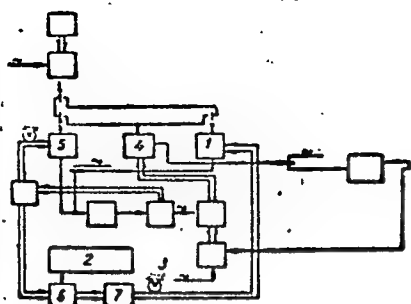


Fig. 1. Mean wind-direction measurement device.

1 - Synchro for setting mean wind-direction scale; 2 - time relay; 3 - mean wind-direction scale; 4 - memory synchro; 5 - synchro for instantaneous wind direction prior to averaging; 6 - clutch; 7 - reduction gearing

direction values during averaging with the instantaneous wind-direction value, and for entering the algebraic difference on the mean wind-direction scale. This unit includes a memory synchro for the instantaneous wind-direction value prior to averaging, a receiving synchro for the instantaneous wind-direction value during averaging, an electromagnetic clutch, and a reduction gearing. Orig. art. has: 1 figure.

[WA N-67-4] [LB]

SUB CODE: 04 / SUBM DATE: 02Aug65/

Card - 2/2

GULIYEV, A.E.

Preventing deflection during turbodrilling of wells [in Azerbaijani  
with summary in Russian] Azerb.neft.khoz.36 no.2:9-12 P '57.  
(NLRA 10:4)

(Turbodrills)

(Oil well drilling)

Library, ...

Dissertation: "Azerbaydzhan rugs and their marketing characteristics." Jami Iyem Sol,  
Moscow Institute of National Economy Imeni G. V. Plekhanov, 12 Jun 54. (Vechernyaya  
Moskva, Moscow, 9 Jun 54)

SO: SOI 318, 23 Dec 1954



GULIYEV, A.G., inzh.; CHELDZE, V.S.

Aerodynamic features of the tea flush used in designing  
tea harvesting and grading machines. Sel'khoz mashina no.7:  
13-16 J1 '57. (MIRA 11:1)  
(Tea machinery)

SHAKHTAKHTINSKIY, G.B.; GULIYEV, A.I.

Reduction of sulfur dioxide by means of reduced alunite as  
a catalyst. Azerb. khim. zhur. no. 2:104-109 '65.  
(MIRA 18:12)

1. Institut khimii AN AzerSSR. Submitted Sept. 10, 1964.

GULIYEV, A.M.; MAMEDOV, A.S.

Study of cottonseed oil produced in Azerbaijan and of methods  
for refining it by using local clays. Uch.zap.AGU no.2:19-25 '56.  
(Azerbaijan--Cottonseed oil) (MLRA 9:12)

GULIYEV, ALI RUSA

214/5  
731.65  
.G91

Baky neftlerinin surtgu yaglary ve onlaryn tedgigi (Lubricating oils from Baku's petroleum refineries, and their use) Baky, Azerneftneshr, 1957.

251 p. diagrs., tables.

Bibliography: p. 248-250.

MAMEDALIYEV, Yu.G.; GULIYEV, A.M.; AKHUNDOV, M.A.; MUSTAFAYEV, L.S.

Effect of surface active agents on increasing the live weight  
of rabbits. Uch.zap.AGU.Fiz.-mat.i khim.ser. no.1:85-88  
'59. (MIRA 13:6)

(Rabbits) (Surface active agents)

KONSTANTINOV, V.I.; SUTOVSKIY, S.M.; Primali uchastiye: MARTIROSOV, Zh.G.;  
RUVINOV, E.S.; GULIYEV, A.M.; KITUSHINA, I.A.; NIFONTOV, P.R.;  
CHUDAKOV, V.A.

Automatic measurement of chlorine concentration in anodic gas.  
TSvet. met. 36 no.5:45-51 My '63. (MIRA 16:10)

1. Nauchno-issledovatel'skiy i proyektnyy institut "Neftekhimavtomat"  
(for Martirosov, Ruvinov, Guliyev, Kitushina).

~~GULIYEV, A.N.~~

A.Dzhaparidze and the Union of Petroleum Industry Workers. Isv.AN  
Azerb.SSR no.1:155-169 Ja '57. (MLRA 10:5)  
(Dzhaparidze, Prokofii Aprasionovich, 1880-1918)  
(Baku--Revolution of 1905) (Petroleum workers)

GULIYEV, A.N.; STRIGUNOV, I.V., red.; MIRKISHIYEVA, S., tekhn. red.

[The Baku proletariat during the new stage of revolutionary activity] Bakinskii proletariat v gody novogo revoliutsionnogo pod"ema. Baku, Azerneshr, 1963. 297 p. (MIRA 16:2)  
(Baku—Labor and laboring classes)  
(Baku—Strikes and lockouts)



AKSEL'ROD, S.M.; GULIYEV, A.S.

Experimental induction logging apparatus. Azerb. neft. khoz. 38  
no.8:12-13 Ag '59. (MIRA 13:2)  
(Oil well logging, Electric)

GULIYEV, B.A.

Efficient performance of turbodrills and bits in the region of  
Peschanyy Island. Azerb. neft. khoz. 38 no.2:16-19 F '59.

(MIRA 12:5)

(Peschanyy Island--Boring machinery))

GULIYEV, B.A.

Calculating hydraulic losses in a drilling rig. Azerb. neft. khoz.  
38 no.7:17-18 JI '59. (MIRA 13:2)  
(Oil well drilling fluids)

MIRZOYAN, A.A. ; GULIYEV, B.A. ; SHVARTS, Ya.A.

Selection of the number of stages of turbodrill based on maximum  
drilling rate. Azerb. neft. khos. 39 no. 7:10-14 J1 '60.

(MIRA 13:10)

(Turbodrills)

MIRZOYAN, A .A.; GULIYEV, B.A.; SHVARTS, Ya.A.

Selection of the number of turbobit stages based on maximum  
drilling capacity. Azerb.neft.khoz. 39 no.8:16-18 Ag '60.  
(MIRA 13:11)

(Turbodrills)

GULIYEV, B.A.

Meeting and overcoming complications in drilling in the Pes-  
chanyy Island fields. Azerb. neft. khoz. 40 no.1:13-15  
Ja '61. (MIRA 14:8)

(Peschanyy Island--Oil well drilling)

GULIYEV, B.A.

Mechanical properties of rocks of the cross section of the  
Peschanyy Island field. Izv. vys. ucheb. zav.; neft' i gaz  
3 no.4:129-131 '60. (MIRA 15:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.  
(Peschanyy Island--Boring)

GRIGORYAN, N.A.; GULIYEV, B.A.

Effective diameter of deep wells in turbodrilling. Azerb.neft.  
khoz. 41 no.8:15-18 Ag '62. (MIRA 16:1)  
(Turbodrills) (Oil well drilling)



GULIYEV, B.A.

Loss of circulation through the annular clearance of a turbodrill  
nipple depending on the change in the loss of fluid, pressure,  
and means of reducing them. Azerb. neft. Khoz. 41 no.1:18-21  
Ja '62. (MIRA 16:7)

(Oil well drilling fluids)

60-17-1  
S/081/61/000/019/008/085  
B101/B110

AUTHOR: Gulijev, E. A.

TITLE: Crystallization of selenium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1960, 35, abstract  
19B260 (Tr. In-ta fiz. AN Azerb. SSR, v. 10, 1960, 22 - 24)

TEXT: This paper presents the results of attempts to determine the portion of crystalline selenium in amorphous selenium. By means of the radioisotope  $\text{Se}^{75}$  it has been shown that even rapidly cooled amorphous selenium remains partially crystalline and that the crystalline portion increases with the cooling period. The method for determining crystalline selenium in amorphous Se is based on the different solubilities of crystalline and amorphous Se in concentrated  $\text{HNO}_3$ . [Abstracter's note: Complete translation.] ✓

Card 1/1

GULIYEV, G.A.

Brief report on clay "sadshi" [in azerbaijani with summary in Russian]. Dekl.AN Azerb.SSR 11 no.7:513-515 J1 '55.  
(Azerbaijan--Implements, utensils, etc.) (MLRA 9:1)

GULIYEV, G.A.

New data on the contact of Cretaceous and Paleocene sediments in  
the Tertiary monocline. Azerb.neft.khoz. 41 no.4:2-4 Ap '62.  
(MIRA 16:2)

(Caspian Sea region—Geology, Stratigraphic)

AKHRABIYAN, B.A.; GULIYEV, G.A.; SHIRINOV, A.M.

New data on reservoir properties of Paleogene-Miocene sediments  
in the Caspian monocline. Neftgaz. geol. i geofiz. no.11:  
19-22 '65. (MIRA 18:12)

1. Institut geologii AN AzSSR.

GULIYEV, I.P., kandidat tekhnicheskikh nauk.

Calculating horizontal forces in designing marine foundations [in  
Azerbaijani with summary in Russian] Azerb.neft.khoz.35 no.12:31-  
33 D '56. (MIRA 10:3)  
(Oil well drilling, Submarine)

GULIYEV, K.G.

Method of investigating the operation of internal combustion engines by means of improved heat calculations: Trudy ENIN AN Azerb. SSR 13:167-175 '56. (MLRA 10:4)  
(Gas and oil engines)

GULIYEV, M.A.

Studying the seepage of water through an earth dam on an electrical  
model. Izv.AN Azerb.SSR. Ser.fiz.-mat.i tekhn.nauk no.1:31-34 '60.  
(MIRA 13:11)

(Dams)

(Soil percolation--Electromechanical analogies)



1.0. 1.0. 1.0.

Asymmetrical flow in an elastic stratum with permeable roof.

Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk no. 5:43-47 '64.

(MIRA 18:4)

GULIYEV, M.A.; KAZAKOVA, V.A.

Diagnosis of rabies. Veterinariia 38 no.1:77-78 Ja '61.  
(MIRA 15:4)

1. Respublikanskaya vetbaklaboratoriya Gruzinskoy SSR.  
(Rabies)

ANDREYEV, A.I.; SHISHKINA, Ye.Ya., veterin.vrach; GULIYEV, M.A., veterin.vrach;  
DUBAKIN, N.I.; FOMINA, A.Ya., kand.veterin.nauk; SOKKAR, I.M.Kh.,  
aspirant; KUZ'MIN, V.V., prof.; TSYGENBORD, O.A., veterin.vrach

Laboratory practice. Veterinariia 40 no.7:66-76 J1 '63.

(MIRA 16:8)

1. Direktor Akhtyrskoy mezhrayonnoy veterinarnoy laboratorii, Sumskaya obl. (for Andreyev).
  2. Vsesoyuznyy institut eksperimental'noy veterinarii (for Shishkina, Fomina, Sokkar).
  3. Respublikanskaya veterinarnaya laboratoriya Gruzinskoy SSR (for Guliyeu).
  4. Moskovskaya oblastnaya veterinarnaya laboratoriya (for Dubakin).
  5. Leningradskiy veterinarnyy institut (for Kuz'min, Tsygenbord).
- (Veterinary medicine)

GULIYEV, M. A.

Unsteady liquid flow in an inhomogeneous stratum. Izv. AN Azerb.  
SSR. Ser. fiz.-tekh. i mat. nauk no. 1:49-54 '64. (MIRA 17:9)

GULIYEV, M.A.; KOLOMAKIN, G.A.; IVANOVA, K.V.- veter.vrach; KOZINA, M.S.,  
veter. vrach; SMIRNOVA, M.M., laborant

Diagnosis of rabies. Veterinariia 41 no.10:89-91 O '64.

(MIRA 18:11)

1. Zaveduyushchiy otdelom virusologii Gruzinskoy respublikanskoy  
veterinarnoy laboratorii. (for Guliyev). 2. Direktor Alma-Atinskoy  
oblastnoy veterinarnoy laboratorii (for Kolcmakin). 3. Alma-  
Atinskaya oblastnaya veterinarnaya laboratoriya (for Ivanova,  
Kozina, Smirnova).

L 4540-66 EWT(1)

ACCESSION NR: AP5020180

UR/0233/65/000/002/0093/0096

AUTHOR: Guliyev, M. A. 44, 65

TITLE: Electric simulation of nonstationary two dimensional axially symmetrical fields 21, 44, 65 36

SOURCE: AN AzerbSSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk, no. 2, 1965, 93-96

TOPIC TAGS: electric analog, hydrodynamics, pressure simulation, simulation test

ABSTRACT: The article deals with problems involved in electric simulation of a nonstationary hydrodynamic axially symmetrical field and with an approximate solution of the simulated problem. A cylindrical layer with penetrability  $K$  and thickness  $h$  is considered, covered with clay having parameters  $K_c$  and  $h_c$ . In the center of the layer there is a circular hole cut through the entire thickness. A constant pressure is maintained over the clay cover. The problem is to determine the pressure at any point in the cylindrical system in question. This is done by breaking up the system into sectors and simulating each elementary curvilinear parallelo-piped by radially and longitudinally arranged resistances. The elasticities of the layer, the liquid, and the clay are simulated by means of capacitors connected

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L 4540-66

ACCESSION NR: AP5020180

between the nodes of the resistance grid. An analysis of the corresponding hydrodynamic and electric equations shows that for a detailed investigation of the section of the region near the hole it is advantageous to use variable spacing in the radial direction. Spacing in the form of a geometrical progression is convenient. The approximate solution is quite simple and yields results that are accurate to 9%. Orig. art. has: 1 figure and 12 formulas.

ASSOCIATION: none

SUBMITTED: 00

NR REF SOV: 002

ENCL: 00

OTHER: 000

SUB CODE: ME

60  
Card 2/2

GULIYEV, N.A.

C-5

USSR/Nuclear Physics

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11209

Author : Guliyev, N.A.

Inst : Moscow State University

Title : Polarization of Neutrons Scattered by Carbon, With Allowance for Nuclear Volume Into Account.

Orig Pub : Zh. eksperim. i teor. fiziki, 1956, 31, No 1, 144-146

Abstract : The polarization of neutrons of high energy (approximately 300 Mev) when scattered by carbon is calculated. The interaction potential neutron-nucleus is found from the solution of the equation

Card 1/3



USSR/Nuclear Physics

C-5

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 11209

$$(\nabla^2 - K^2)\varphi = -4\pi\rho.$$

$$\rho = \begin{cases} \rho_0 & r \leq R_0 \\ \rho_0(R_0/r)^2 & r > R_0 \end{cases}$$

which describes the meson field in the nucleus ( $\rho$  is nucleon density). The interaction potential is taken to be

$$2\rho(1 + i\vec{\sigma} \cdot \vec{L}) + (2 - i\vec{\sigma} \cdot \vec{L})\rho,$$

where  $g$ ,  $\varepsilon$ , and  $a$  are constants, while  $\vec{S}$  and  $\vec{L}$  are the operators of spin and orbital momentum of the neutron.

Card 2/3

USSR/Nuclear Physics

C-5

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 11209

The neutron polarization calculated with this potential is in good agreement with that experimentally measured (the comparison is made in the angle range from 5 to  $30^\circ$ ). Calculation of the scattering amplitude of the neutrons was carried out in the quasi-classical approximation for the following values of the parameters:

$a = (15/2) (\hbar/mc)^2$ ,  $R_0 = 1.602 \times 10^{-13}$  cm,  $\alpha = 0.68 \times 10^{-13}$  cm,  $k_0 = 0.675 \times 10^{13}$  cm $^{-1}$ ,  $\varepsilon = 1$ ,  $g = 3e - 5e$ .

Reducing the magnitude of  $\varepsilon$  causes poor agreement with experiment.

Card 3/3

GULIYEV, N. A., Cand Phys-Math Sci -- (diss) "Dispersion of particles over nuclei and polarization of nucleons." Baku, 1957. 9 pp (Min of Higher Education USSR, Azerbaydzhan State Univ<sup>✓</sup> im S. M. Kirov), 100 copies (KL, 2-58, 110)

GULIYEV, N.A.

✓ 4736  
POLARIZATION OF NEUTRONS SCATTERED BY CARBON  
TAKING NUCLEAR VOLUME INTO ACCOUNT. N.A.  
Guliyev (Moscow State Univ.). Soviet Phys. JETP 4, 142-4  
(1957) Feb.